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Kate Moore  
Kate Moore

J1000 U.S. PTO  
10/04/02  
01/07/02  


PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Schweid, Stuart A.  
FOR : PARALLEL NON-ITERATIVE METHOD OF  
DETERMINING AND CORRECTING IMAGE  
SKEW  
SERIAL NO. : Unknown  
FILED : Herewith  
EXAMINER : Unknown  
ART UNIT : Unknown  
LAST OFFICE ACTION : None  
ATTORNEY DOCKET NO. : D/A1090  
XER 2 0430

Cleveland, Ohio 44114-2518  
January 7, 2002

INFORMATION DISCLOSURE STATEMENT

Box Patent Application  
Assistant Commissioner of Patents  
Washington, D.C. 20231

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicant(s) submit(s) the following Disclosure Statement concerning art of which the applicant(s) is(are) aware. A copy of PTO-1449 is enclosed herewith.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed patents require no further explanation (or no translation is available).

Applicant notes that U.S. Patent No. 5,001,766 to Baird includes over 300 columns of computer software code implementing the concepts included therein. In the

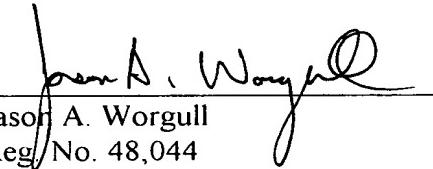
interests of efficiency, Applicant has omitted columns 13-316 from the patent copy of 5,001,766 enclosed herewith. If the Examiner deems it necessary, Applicant will gladly furnish the additional 150 pages of computer code contained within columns 13-316 of 5,001,766.

Consideration of the appropriate paragraph(s) indicated below is respectfully requested:

**WITHIN THREE MONTHS OF FILING:** Under § 1.97(b)(1), this information disclosure statement is being filed within three months of the filing date of the application. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 24-0037.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE

  
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<b>Subst. Form PTO-1449 APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> D/A1090 XER 2 0430	<b>Serial No.:</b> Unknown
	<b>Applicant(s):</b> Schweid	
	<b>Filing Date:</b> Herewith	<b>Group:</b> Unknown

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01/07/02

**U.S. PATENT DOCUMENTS**

Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
AA	4,723,297	02/02/88	Postl			
AB	5,001,766	03/19/91	Baird			
AC	5,187,753	02/16/93	Bloomberg et al.			
AD	5,355,420	10/11/94	Bloomberg et al.			
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

**FOREIGN PATENT DOCUMENTS**

	Document No.	Date	Country	Class	Subcl.	Translation?
AL						
AM						
AN						
AO						
AP						

**OTHER ART**

AR	"Accurate Skew Estimation and the Top-Down Analysis of Document Images." Baird, Henry S. December 12, 1986.	
AS	"Measuring Document Image Skew and Orientation." Bloomberg et al. <i>SPIE Symposium in Document Recognition II</i> , 1995.	

Examiner:

Date Considered:

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.